

(No Model.)

P. KNORPP & G. A. MAYER.

TIN BRILLIANT ORNAMENT.

No. 397,083.

Patented Jan. 29, 1889.

Fig. 1.

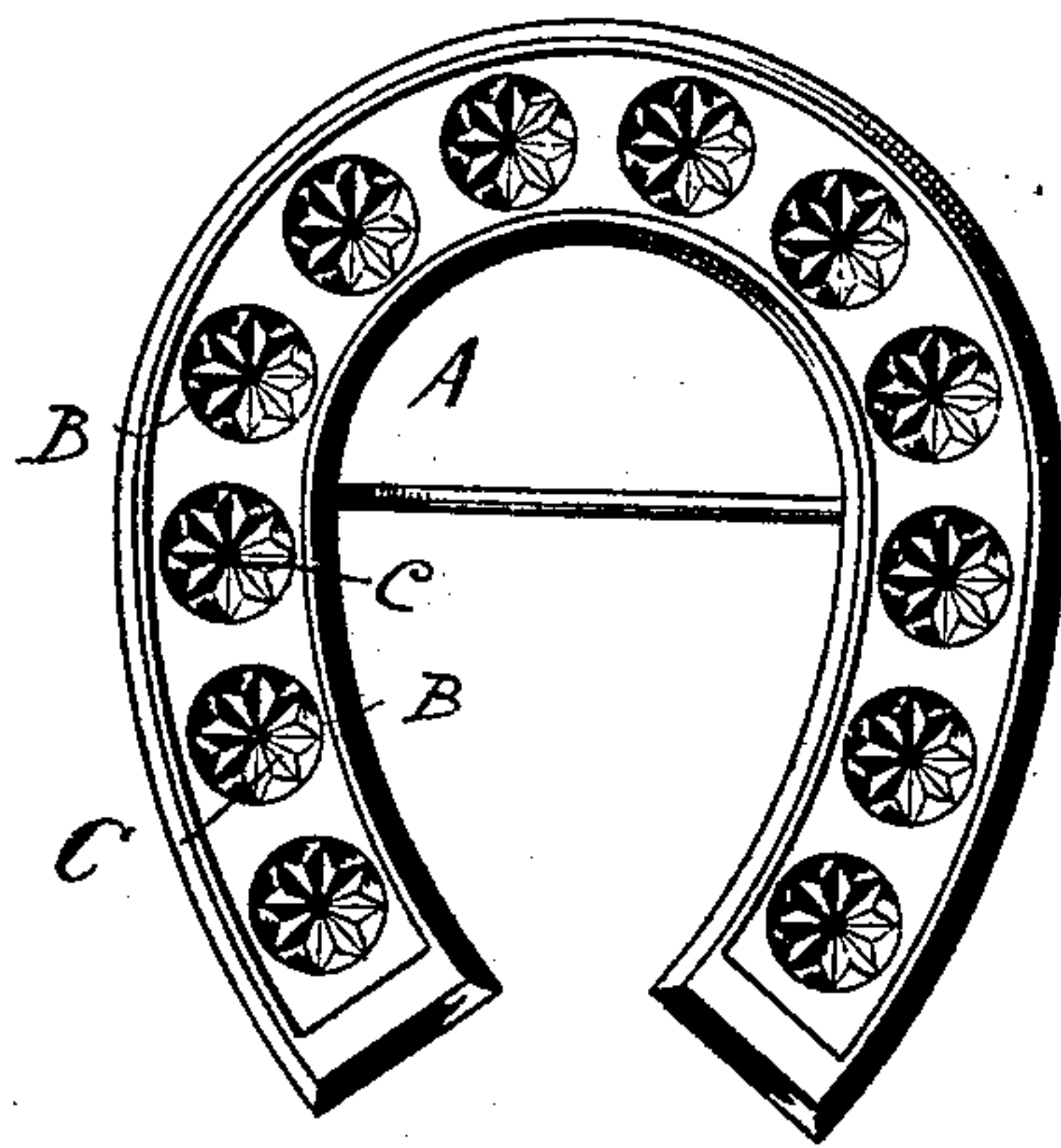


Fig. 2.

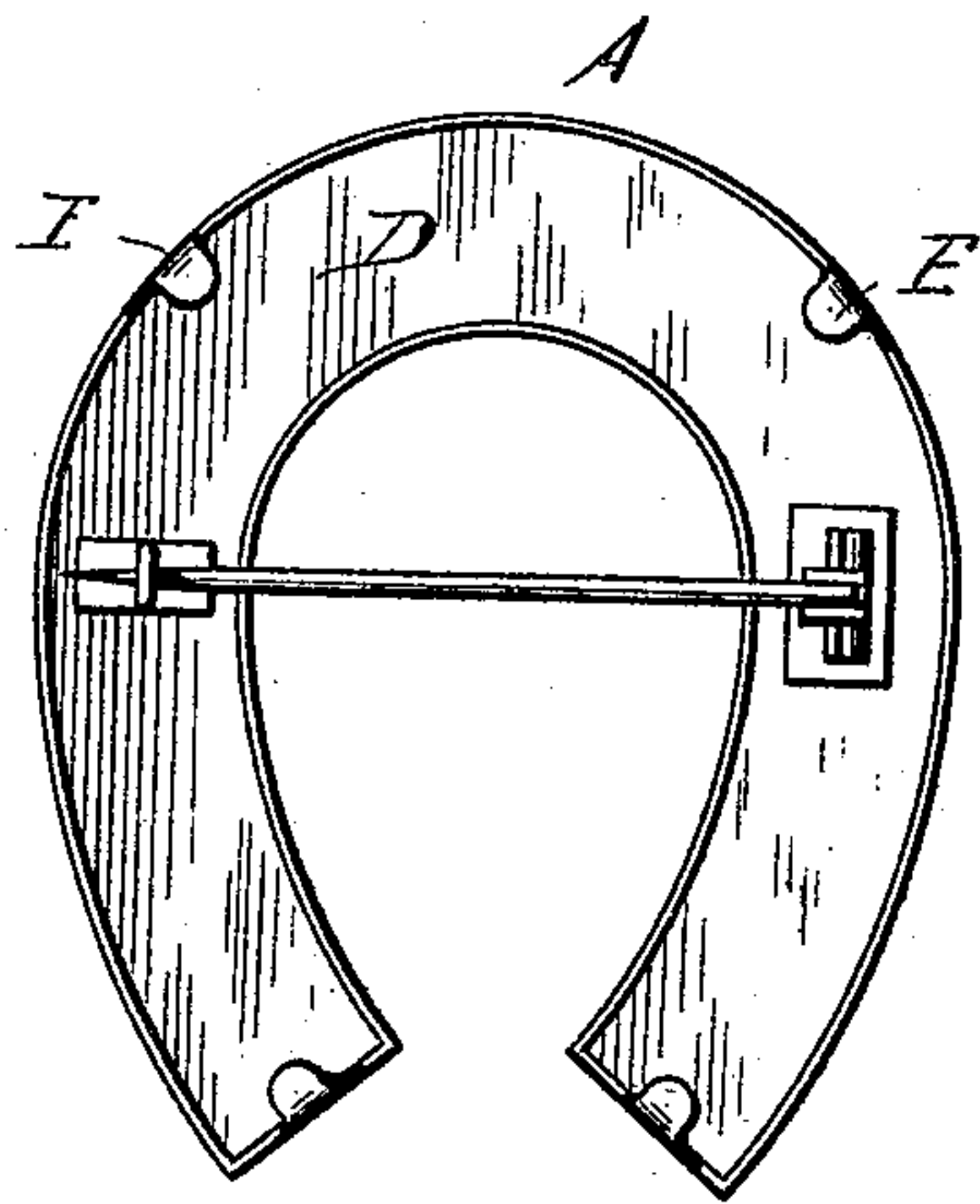
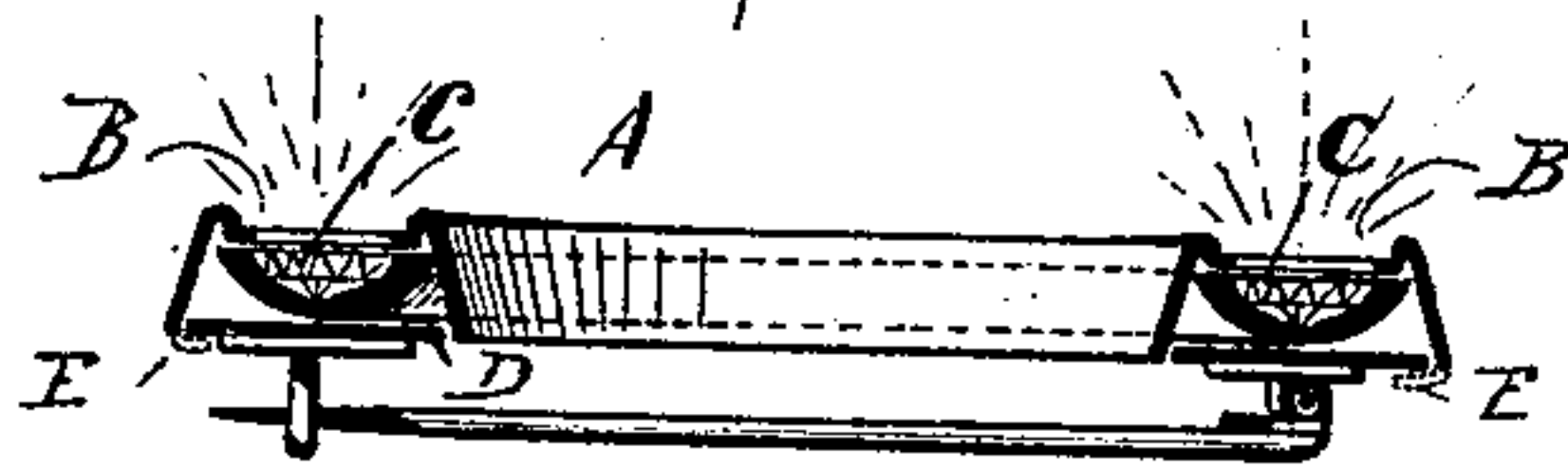


Fig. 3.



WITNESSES:

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# UNITED STATES PATENT OFFICE.

PHILIPP KNORPP AND GUSTAVE A. MAYER, OF STAPLETON, NEW YORK.

## TIN BRILLIANT ORNAMENT.

SPECIFICATION forming part of Letters Patent No. 397,083, dated January 29, 1889.

Application filed February 6, 1888. Serial No. 263,144. (No model.)

### *To all whom it may concern:*

Be it known that we, PHILIPP KNORPP and GUSTAVE A. MAYER, of Stapleton, in the county of Richmond and State of New York, have invented certain new and useful Improvements in Tin Brilliant Ornaments, of which the following is a specification.

This invention relates to ornaments made of the so-called "tin brilliants," composed of an alloy of tin and lead.

The object of our invention is to provide an ornament with tin brilliants in which said brilliants are displayed to their greatest advantage and produce very handsome effects.

The invention consists in the combination, with a shell, casing, or plate provided with apertures, of a tin brilliant behind each aperture.

The invention also consists in the construction and combination of parts and details, as will be fully described and set forth hereinafter, and then pointed out in the claim.

In the accompanying drawings, Figure 1 is a face view of one of our improved tin brilliant ornaments. Fig. 2 is a back view of the same. Fig. 3 is a cross-sectional view of the same.

Similar letters of reference indicate corresponding parts.

The shell, plate, or casing A of the ornament can be made of any desired shape and of any suitable material—such as sheet-metal composition, hard rubber, celluloid, &c.—and is provided in its face with as many apertures B as there are to be separate brilliants in the ornament, said apertures being slightly smaller than the brilliants and of the same shape as the contour of said brilliants. The

row or series of tin brilliants are formed in a plate having faceted recesses, the facets of said recesses producing the effects of real brilliants. Said plate is placed behind or below the face-plate of the shell or casing, so that the several brilliants will be exactly below the several apertures and show through the same. A backing, D, is placed in the back of the shell, and is held in place by means of lugs E, projecting from the rear edge of the casing and bent over the rear surface of the backing. A pin or other attaching device can be secured to the backing.

As the tin brilliants are set back a short distance from the face of the ornament, and as each brilliant appears singly and separated from the others, the said brilliants produce a very handsome effect.

Having thus described our invention, we claim as new and desire to secure by Letters Patent—

An ornament composed of a shell, casing, or plate provided in its face with apertures, a plate provided with a faceted recess below each aperture, and a backing holding said plate in the casing, substantially as herein shown and described.

In testimony that we claim the foregoing as our invention we have signed our names in presence of two subscribing witnesses.

PHILIPP KNORPP.  
GUSTAVE A. MAYER.

Witnesses:

PAUL GOEPEL,  
JOHN A. STRALEY.